Electa

For Scheduled and Live Conference Voting

Next generation End-to-end verifiable online voting system

Flexible

Electa is the culmination of more than 7,000 online election events conducted over 20 years which supports numerous statutory and non-statutory requirements.

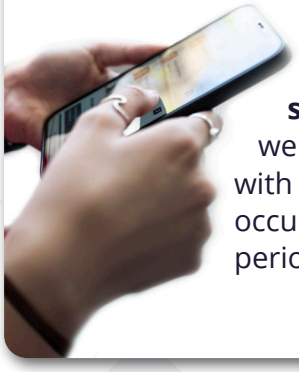
Proven

All democratic elections are important, and Electa is built to comply with all fundamental democratic election principles to prove the result of the election process end-to-end.

Accessible

Our greatest achievement with Electa is making it readily accessible for voters, administrators, and scrutineers while also using advanced cryptographic algorithms.

SCHEDULED VOTING



The digital polling station - a configuration well-suited for voting events with larger numbers of voters occurring over a longer period.

LIVE CONFERENCE VOTING

A configuration used for **live elections** taking place in a shorter time frame, such as annual general assemblies or conferences.

Protect democracy. Prove integrity.

ASSEMBLY VOTING

Electa vs. Black-box Systems

Electa
(End-to-end verifiable)

Ensures voters eligibility
Preventing unauthorized voting.

Distributed trust
Disperses responsibility amongst multiple parties to enhance election integrity.

Public ballot box
Transparent record for election verification while safeguarding voter anonymity.

Anonymity proven by design
Cryptographic techniques and algorithms prevents linkage of votes to individuals.

Voter secrecy proven by design
Cryptographic techniques and threshold encryption safeguard both vote integrity and voter secrecy.

Fully auditable
The independent audit allows public third-party verification, enhancing election transparency.

Integrity of election result proven by design
Inbuilt cryptography and transparency features, ensuring tamper-proof, auditable elections.

Black-box systems
(Not End-to-end verifiable)

Ensures voters eligibility
In black-box digital voting, robust identity checks can still ensure voter eligibility and election integrity.

No distributed trust
Lack of distributed trust in black-box voting centralizes control and risks election integrity.

No public ballot box
The absence in black-box voting, hinders transparency, audits and trust, while making recounts difficult.

Anonymity cannot be proven
The inability to confirm voter anonymity can deter participation, erode trust, and compromise integrity.

Voter secrecy cannot be proven
Lack of verifiable voter secrecy depresses participation and allows invites coercion.

Limited auditability
Reduced auditability obstructs transparency, complicates error tracing, and heightens vulnerability.

Integrity of election result cannot be proven
The inability to verify the integrity of results erodes trust, enables manipulation, and complicates issue resolution.

Sustainable Democracy

Inclusion and accessibility

Electa allows all eligible voters to exercise their right to vote, regardless of any limitations related to distance or disability they may face!

Culture

Electa is at the forefront of renewing democratic participation by synchronizing democracy with living in the 21st century. Without any compromises!

Carbon emissions

Besides reducing the cost of election events, online voting may significantly reduce carbon emissions, in some cases up to 99%! *

* https://www.researchgate.net/publication/374111665_Estimating_Carbon_Footprint_of_Paper_and_Internet_Voting

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ASSEMBLY VOTING

Configurations in Electa

Ballot features

- Minimum and Maximum Numbers of Votes
- Weighted Votes
- Overwriting Votes (only the last vote cast counts)
- Ranked Votes
- Randomization of the Order of Options
- Anonymous or Non-anonymous Voting
- Quorum Requirements
- Consensus Requirements

Types of voting events

- Candidate Elections
- Candidate and List Elections
- Referendums
- Collective Agreement Ballots
- Multiple Ballot Elections
- Annual General Meetings/Conferences
- Kiosk Mode Voting
- Handraise

Methods and/or devices which may be used for voting

- PCs & Other Computers
- Tablets
- Smartphones
- Paper Ballots (as part of hybrid elections)

Access to system & ballots

- Digital Signatures (third party authentication credentials)
- A Combination of Voting Codes and User IDs
- Digital IDs (such as MitID)
- Invitation by Email or SMS from the Built-in Campaign Module

Service Levels

Get an experienced election expert team to manage your event, or let us train you for self-service.

Managed service

Have a dedicated team of election experts fully manage your event.

Self-service

Your organization will be trained in managing Electa and receive support as needed.

Partners

Let one of our local partners help you run your event.

Compliance

Assembly Voting complies with all data protection and privacy laws applicable to our business activities.

GDPR

Assembly Voting is fully compliant with the EU's General Data Protection Regulation.

ISAE 3000

We conduct an annual ISAE 3000 Type 2 revision and work according to ISO 27001 standards.

ISO

Our hosting partner Exoscale's hosting centers in Munich and Geneva are ISO/IEC 27001:2013, ISO/IEC 27017:2015 and ISO/IEC 27018:2019 compliant.

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ASSEMBLY VOTING

End-to-end Verifiability

National elections, collective agreements, shareholder meetings, General assemblies, etc.
All democratic elections are important and deserve a market leading, End-to-end verifiable online voting system.

Electa is built on mathematically-proven and academically- reviewed cryptography and algorithms and engineered to preserve the integrity of your elections as the culmination of decades of experience. All without losing flexibility and user- friendliness.

+43M
Voters

+7,400
Election Events

+1,100
Customers

+75
Countries

Customers

RED CROSS · OSCE PA · United Nations · FedEx · SIEMENS · TRANSPARENCY INTERNATIONAL the global coalition against corruption · asoif · CITY OF COPENHAGEN · RIPE NCC RIPE NETWORK COORDINATION CENTRE

About Us

Founded in 2001, Assembly Voting is a leading provider of secure digital election solutions in Northern Europe.

We enhance democratic participation through proven online voting technologies, serving ministries, municipalities, trade unions, political parties, NGOs, and more.

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